

U.S. ROUTE 14 AND ALGONGUIN ROAD

UTILITY COORDINATION

<u>Utility</u>	<u>Date Contacted</u>	<u>Date Response Received</u>
Commonwealth Edison	12/18/00	2/28/01
Nicor Gas	12/18/00	1/23/01
Ameritech	12/18/00	Have Not Received
AT&T Broadband	12/18/00	Have Not Received



FILE COPY

Ms. Helen Chumley
AT&T Broadband
316 Roma Jean Parkway
Streamwood, Illinois 60107

December 18, 2000

Subject: Fox River Grove - U.S. Route 14 Right Turn Lane At Algonquin Road

Dear Ms. Chumley:

Enclosed please find one set of preliminary plan drawings for the subject project. The project consists of curb and gutter removal and replacement, pavement widening, and bituminous resurfacing.

We request that your office mark up the plans with the approximate locations of your facilities in the project area, attach any applicable atlas pages, and return the sheets to us.

Thank you for your cooperation in this matter. If you have any questions, please call.

Very truly yours,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS

Jason J. Fluhr

JJF:cf

Enc.

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8678 Ridgfield Road
Crystal Lake, IL 60012
815.459.1260
Fax 815.453.0450
info@baxwood.com

UTILITY
COORDINATION
EXHIBIT 6
SHEET 2 OF 7



FILE COPY

Mr. Don Marsch
Ameritech
255 East Chicago Street
Elgin, Illinois 60120

December 18, 2000

Subject: Fox River Grove - U.S. Route 14 Right Turn Lane At Algonquin Road

Dear Mr. Marsch:

Enclosed please find one set of preliminary plan drawings for the subject project. The project consists of curb and gutter removal and replacement, pavement widening, and bituminous resurfacing.

We request that your office mark up the plans with the approximate locations of your facilities in the project area, attach any applicable atlas pages, and return the sheets to us.

Thank you for your cooperation in this matter. If you have any questions, please call.

Very truly yours,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS

Jason J. Fluhr

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UTILITY
COORDINATION
EXHIBIT 6
SHEET 3 OF 7



FILE COPY

Ms. Lynne Sinclair
Senior Utility Consultant
NiCor Gas
1844 Ferry Road
Naperville, Illinois 60563-9600

December 18, 2000

Subject: Fox River Grove - U.S. Route 14 Right Turn Lane At Algonquin Road

Dear Ms. Sinclair:

Enclosed please find one set of preliminary plan drawings for the subject project. The project consists of curb and gutter removal and replacement, pavement widening, and bituminous resurfacing.

We request that your office mark up the plans with the approximate locations of your facilities in the project area, attach any applicable atlas pages, and return the sheets to us.

Thank you for your cooperation in this matter. If you have any questions, please call.

Very truly yours,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS

Jason J. Fluhr

JJF:cf

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8678 Ridgfield Road

Crystal Lake, IL 60012

815.459.1260

Fax 815.455.0450

info@baxwood.com

UTILITY
COORDINATION
EXHIBIT 6
SHEET 4 OF 7



FILE COPY

Mr. Andy Conway
Commonwealth Edison Company
201 North Arthur Avenue
Mount Prospect, Illinois 60056

December 18, 2000

Subject: Fox River Grove - U.S. Route 14 Right Turn Lane At Algonquin Road

Dear Mr. Conway:

Enclosed please find one set of preliminary plan drawings for the subject project. The project consists of curb and gutter removal and replacement, pavement widening, and bituminous resurfacing.

We request that your office mark up the plans with the approximate locations of your facilities in the project area, attach any applicable atlas pages, and return the sheets to us.

Thank you for your cooperation in this matter. If you have any questions, please call.

Very truly yours,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS

Jason J. Fluhr

JJF:cf

Enc.

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8678 Ridgely Road

Crystal Lake, IL 60012

815.459.1260

Fax 815.455.0450

info@banwood.com

UTILITY
COORDINATION
EXHIBIT 6
SHEET 5 OF 7



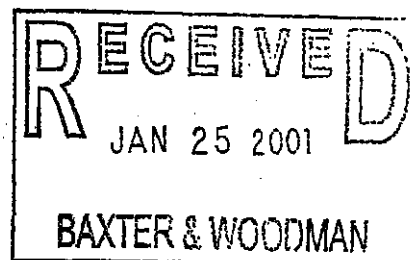
Nicor Gas
1844 Ferry Road
Naperville, IL 60563-9800

Mailing Address:
P.O. Box 190
Aurora, IL 60507-0190

Phone 630 983-8676
Internet www.nicorinc.com

January 23, 2001

Mr. Jason J. Fluhr
Baxter & Woodman, Inc.
Consulting Engineers
8678 Ridgeland Road
Crystal Lake, IL 60012



Re: Fox River Grove-U.S. Route 14 Right Turn at Algonquin Road

Dear Mr. Fluhr:

With reference to your letter of December 18, 2000, I am returning one set of marked plans with atlas pages indicating the location of our gas main(s).

If potential conflicts are anticipated, please supply me with a large set of Pre-final plans (including cross-sections) and ample time for design and relocation of our mains and services (if necessary) to adhere to your tentative scheduled letting date. Ample time requires a minimum of 6 months for design and planning. This time does not take into consideration installation of mains and services.


Thank you for your cooperation in this matter.

Sincerely,


Lynne Sinclair
Senior Utility Consultant

Attachments
Ca: Reference No. N2982

UTILITY
COORDINATION
EXHIBIT 6
SHEET 6 OF 7

	B & W File No.: <u>000338</u>	Time: <u>4:06</u> AM PM	Date: <u>2/28/01</u>
	Type of Conversation <input checked="" type="checkbox"/> Telephone (incoming) <input type="checkbox"/> Telephone (outgoing) <input type="checkbox"/> Office Visit		
Subject of Conversation <u>FR6VV - Rt. turn lane Rt. 14 & Algonquin Rd</u>			

Person Calling: <u>Com Ed</u> <u>Andy</u>	Please Call			Phone # & Extension:
Person Called:	RUSH	Called to see	Returned your call	Phone # & Extension:
	Wants to see	Will call again	At your convenience	

Summary of Conversation:

Com Ed has no facilities within the project area.
We will send final design plans to them when they are
ready so they can verify that nothing has changed.

UTILITY
 COORDINATION
 EXHIBIT 6
 SHEET 7 OF 7

<input checked="" type="checkbox"/> Action Required <input checked="" type="checkbox"/> Action Completed By: <u>[Signature]</u>	Date: <u>2/28/01</u>
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IDOT "Kick-off" Meeting Minutes

**Village of Fox River Grove
Right Turn Lane at U.S. 14 and Algonguin Road
Section # 00-00017-00-CH
10/05/00**

Those in attendance:

John Ambrose, Baxter & Woodman, Inc.
Brian Vercruysse, IDOT

Item Discussed:

- Use 100-foot storage and 100-foot taper for the right turn lane
- The Village of Fox River Grove requests a minimum of 5 angled parking spaces and the remainder will be parallel parking spaces in the adjacent parking lot.
- The right turn lane may be reduced to 11-feet.
- An Intersection Design Study (IDS) will be required for this project.
- There will be no right turn arrow on the signal head, and the "No right turn on red" sign will remain.
- The design vehicle will be a B-40, or school bus.
- Turning templates will be needed to show that a bus can make the right turn.
- B&W will need to send a letter to Dan Powers at Illinois Commerce Commission.

**KICK-OFF MEETING
EXHIBIT 7**

DESIGN VARIANCES REQUESTED

ITEM	DESIGN REQUIRED	DESIGN PROVIDED	JUSTIFICATION	VARIANCES GRANTED
1. Curb and Gutter on west side of U.S. Route 14.	Type B-6.24	Type B-6.12	The proposed curb and gutter matches the existing curb and gutter at the northwest project terminus and it matches the curb and gutter being replaced on the west side of U.S. Route 14. Type B-6.12 concrete curb and gutter minimizes encroachment into the commuter parking lot.	Yes - Per 4/10/01 Coordination Meeting (See Exhibit 9)
2. Traffic Lane Width.	12' traffic lane width	11' right turn lane width on U.S. Route 14.	The proposed right turn lane is 11' e-e to match the existing lane widths on U.S. Route 14. An 11' right turn lane minimizes encroachment into the commuter lot.	Yes - Per 5/04/01 District 1 and Central Office Review
3. Radius Return at Northwest corner of U.S. Route 14 and Algonquin Road	WB-55	B-40	In order to avoid reconstructing the railroad crossing and acquiring Right-of-Way from Union Pacific. Also, B-40 is the existing design vehicle with encroachment into the left turn lane and the gutter flag. The proposed design is for a B-40 with no encroachment into the left turn lane or the gutter flag.	Yes - Per 4/02/02 letter from IDOT (see Exhibit 15a)

**VARIANCES
EXHIBIT 8**

**VILLAGE OF FOX RIVER GROVE, ILLINOIS
MCHENRY COUNTY**

**RIGHT-TURN LANE ON U.S. ROUTE 14 @ ALGONQUIN ROAD
SECTION 00-00017-00-CH**

**FHWA/IDOT/LOCAL AGENCY COORDINATION MEETING
APRIL 10, 2001**

1. The logical termini were concurred upon to be the length necessary for construction of the right turn lane.
2. 3R design guidelines will be used for design.
3. Right-of-Way is not required for the Project.
4. The variance of Type B-6.12 Curb and Gutter was granted. The variances of an 11-ft. right turn lane, 100-ft. right turn lane storage, 11:1 right turn lane taper, and a LOS E+ (P.M. Peak Hour) and LOS D (A.M. Peak Hour) will not be granted until comments are received from the Bureau of Programming. If Programming concurs with these variances, they will be granted.
5. Further coordination is required from both the Bureau of Programming and the Bureau of Traffic.
6. The Consultant has received a letter from the Illinois Commerce Commission concurring upon the Intersection Design Study.
7. Right-of-Way is not required for the Project.
8. FHWA concurred that this project will be processed as a Statewide Categorical Exclusion Group II.

**COORD. MEETING
EXHIBIT 9a.
SHEET 1 OF 2**

ATTENDANCE ROSTER
BUREAU OF PROGRAMMING
FHWA Coordination Meeting
April 10, 2001 Executive Conference Room

NAME	REPRESENTING	PHONE NUMBER
K.T. Desai	IDOT/Central/BLR&S	217-785-3282
Chris Fraley	FHWA	217-492-4619
J. P. Varma	FHWA	217-492-4623
Chuck Crim	IDOT/Central/BLR&S	217-782-0675
Alex Househ	IDOT/BLR&S	847-705-4416
Melanie Price	IDOT/BLR&S	847-705-4007
Colette Tuman	IDOT/Land Acq.	847-705-4291
Lou Haussmann	Baxter & Woodman	708-560-7070
John Ambrose	Baxter & Woodman	815-459-1260
Jason Fluhr	Baxter & Woodman	815-459-1260
Bruce Christensen	Lake County	847-362-3950
Dusty Powell	Lake County	847-362-3950
Richard P. McMorris	Lake County/Div. of Trans.	847-362-3950
Ken Magnus	Lake Forest	847-615-4329
Paula Trigg	Lake Forest	847-283-8539
Ray Van Eeckhout	Lake Forest	847-615-4211
Chuck McBride	McClure Engineering	847-336-7100
Erik Olander	IDOT/BLR&S	847-705-4233
Darcie Gabrisko	Strand & Associates	815-744-4200
Ed Dolezal	Village of Channahon	815-467-6644
Scott Marquarot	City of West Chicago	630-293-2200
Mike Wardrod	Strides Associate	815-744-4200
Jay Koester	Stanley Consultants	773-693-9624
Rob Koss	Stanley Consultants	773-693-9624
Rodney Schuster	Stanley Consultants	773-693-9624
Norm Gutauckas	Villa Park	630-941-5935
Michelle Dick	DuPage Council	630-571-0480
Vydas Juskelis	Villa Park	630-834-8502
David Landeweer	BRW	847-364-8800
Dale Durfey	Oak Brook	630-990-3010.

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COORD. MEETING
EXHIBIT 9a.
SHEET 2 OF 2

**Right turn lane at U.S. Route 14 and Algonquin Road
Village of Fox River Grove, IL
Meeting Minutes
2/14/02 1:30 PM**

Those in attendance:

Alex Househ – IDOT Local Roads
Steve Pasinski – IDOT Bureau of Programming
Steve Brink – IDOT Local Roads
Lourdes Ortiz – IDOT Local Roads
Jim Stoner – IDOT Bureau of Traffic
Dave Ziesemer – IDOT Bureau of Traffic
Art Osten – Village of Fox River Grove
Dan Powers – Illinois Commerce Commission
Jason Fluhr – Baxter & Woodman

- IDOT recognizes the merit of the current proposal but has some reservations about the completeness of the improvement. Since this is an intersection of a State Route (also a Class II truck route), drivers expect to be able to safely traverse all movements with vehicles ranging from a passenger car to a WB-55 semi-trailer.
- Jim Stoner said that the crosswalk across Algonquin Road is not desirable but it is better to put a "kink" in the crosswalk than it is to move the stop bar closer to the railroad tracks. The stop bar for the right turn lane, however must be at least 4' back from the crosswalk.
- Dan Powers needs to verify whether we can move the railroad crossing gate and what will be involved with moving it.
- Steve Pasinski is O.K. with the parking lot. The original plans gave no indication on traffic flow and which movements were to be allowed at the access points. Clarification will be made to the plan and the design will be modified to physically encourage drivers not to make left turns out of the exit drive. Since the parking lot is "right in / right out", the parallel parking in the parking lot is O.K.
- Steve would like to see the truck percentages turning onto Algonquin Road from U.S. Route 14.
- Geometrics will not grant the variance for a B-40 design vehicle turning onto Algonquin Road. U.S. route 14 is a class II truck route and requires intersections to accommodate a WB-55.
- Art Osten confirmed that large trucks access an industrial business on Algonquin Road from Route 14. Art will find out how large the trucks are that make the right turn. There is a possibility of the Village restricting large trucks on Algonquin Road so that a B-40 design vehicle can be used.

**PROJECT STATUS MTG.
EXHIBIT 9b
SHEET 1 OF 2**

- IDOT District 1's stance is that the intersection must be designed for a WB-55. Within the current scope of the project, the Village can either redesign the intersection to safely accommodate all movements of a WB-55, restrict truck usage on Algonquin Road, or pursue a design variance from Springfield on the design vehicle. If the latter is chosen, we need to let Alex know by next week so he can put the issue on the agenda for their March 12th meeting.
- If the intersection is designed for a WB-55, right-of-way must be purchased from the railroad and the railroad crossing will need to be reconstructed. Dan was not sure what the costs or the time frame would be if this option were pursued.
- Under no circumstance can the design vehicle encroach into the oncoming traffic lane by the railroad tracks because cars occasionally queue there.
- If the intersection is designed for a WB-55 vehicle, and the scope of the project changes, Alex said that the Village could re-apply for CMAQ funds to cover the additional costs.

U.S. ROUTE 14 AND ALGONGUIN ROAD

ESTIMATE OF COST

CONSTRUCTION

Excavation and Grading	\$ 6,825
Subgrade Repair	2,000
Storm Sewer Modifications	4,000
New Curb and Gutter	6,860
Curb Removal	3,250
Sidewalk Remove and Replace	2,100
Bituminous Base Course Patching	1,000
Bituminous Surface Removal (Cold-Milling)	6,000
Aggregate Base Course - 4"	4,550
P.C.C. Widening - 10 3/4"	26,250
Surface and Binder Course	5,825
Parkway Restoration	1,000
Bituminous Pavement Removal	2,250
Raised Median Remove and Replace	7,350
Traffic Control and Protection	25,000
Pavement Marking	1,300
Traffic Signal Improvements	50,000
Mobilization	5,000
Subtotal	\$160,560
Contingencies	\$23,440
Construction Total	\$184,000

ENGINEERING

Phase I & II	\$45,395
Phase III	\$20,000
Engineering Total	\$65,395

GRAND TOTAL \$249,395

ESTIMATE OF COST
EXHIBIT 10
SHEET 1 OF 2

The anticipated source of funds are as follows:

	<u>Total Cost</u>	<u>STP Funds</u>	<u>Local Funds</u>
Engineering – Phase I & II	\$ 45,395	\$ 36,316	\$ 9,079
Phase III	<u>20,000</u>	<u>16,000</u>	<u>4,000</u>
Engineering Subtotal	65,395	52,316	13,079
Construction	<u>184,000</u>	<u>147,200</u>	<u>36,800</u>
Total	\$ 249,395	\$ 199,516	\$ 49,879

ESTIMATE OF COST
EXHIBIT 10
SHEET 2 of 2